

CAS ONLINE PRINTOUT

=> d his

(FILE 'HOME' ENTERED AT 08:04:37 ON 20 JUN 2007)

FILE 'CASREACT' ENTERED AT 08:05:14 ON 20 JUN 2007

L1 STRUCTURE UPLOADED

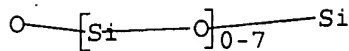
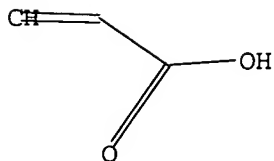
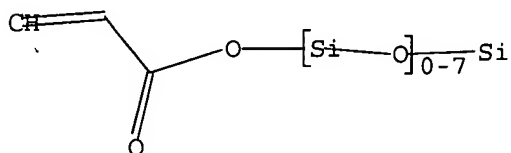
L2 0 S L1

L3 10 S L1 FUL

=> d l1

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> d fcrdref 1-10

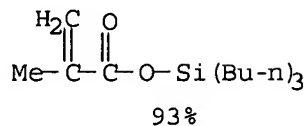
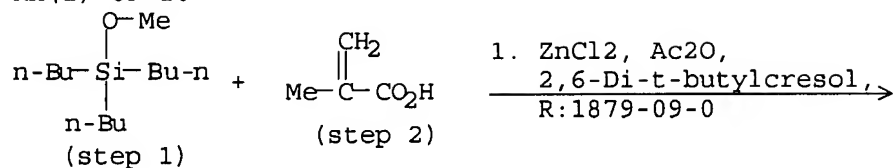
L3 ANSWER 1 OF 10 CASREACT COPYRIGHT 2007 ACS on STN

RX(40) OF 181 - REACTION DIAGRAM NOT AVAILABLE

L3 ANSWER 2 OF 10 CASREACT COPYRIGHT 2007 ACS on STN

CAS ONLINE PRINTOUT

RX(1) OF 10



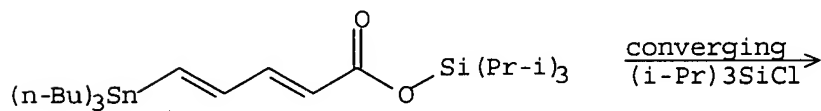
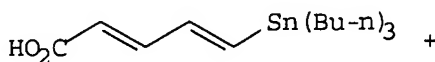
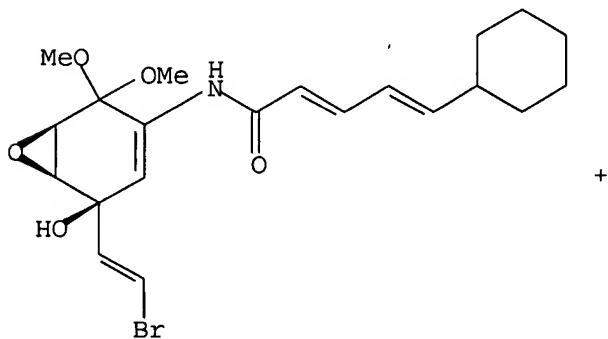
REF: Fr. Demande, 2836473, 29 Aug 2003

CON: STAGE(1) room temperature; room temperature -> 100 deg C;  
100 deg C

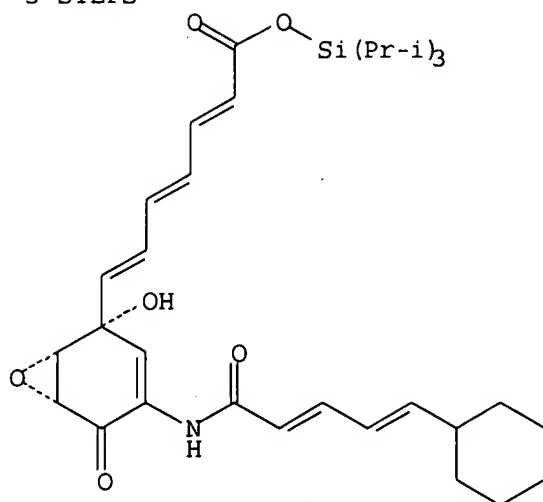
STAGE(2) 100 deg C; 6 hours, 100 - 140 deg C, 100 mmHg

L3 ANSWER 3 OF 10 CASREACT COPYRIGHT 2007 ACS on STN

RX(95) OF 226 - 3 STEPS



RX(95) OF 226 - 3 STEPS



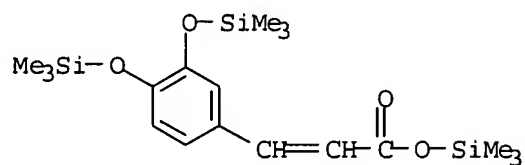
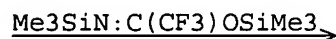
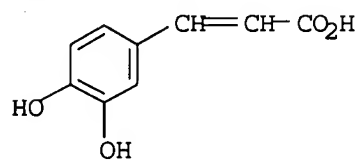
58%

REF: Journal of Organic Chemistry, 64(14), 5053-5061; 1999

NOTE: key step

L3 ANSWER 4 OF 10 CASREACT COPYRIGHT 2007 ACS on STN

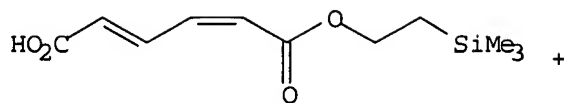
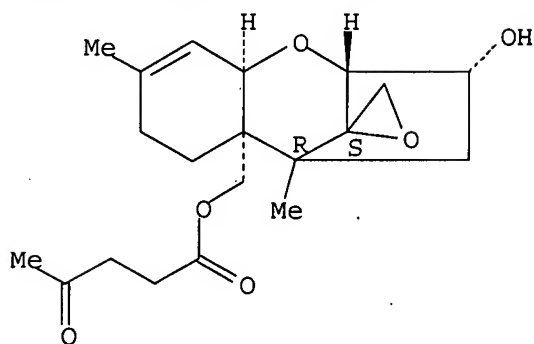
RX(7) OF 11



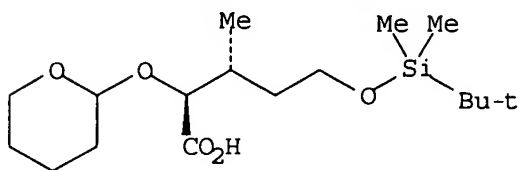
REF: Journal of Chromatography, 543(1), 113-21; 1991

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RX(55) OF 201 - 3 STEPS



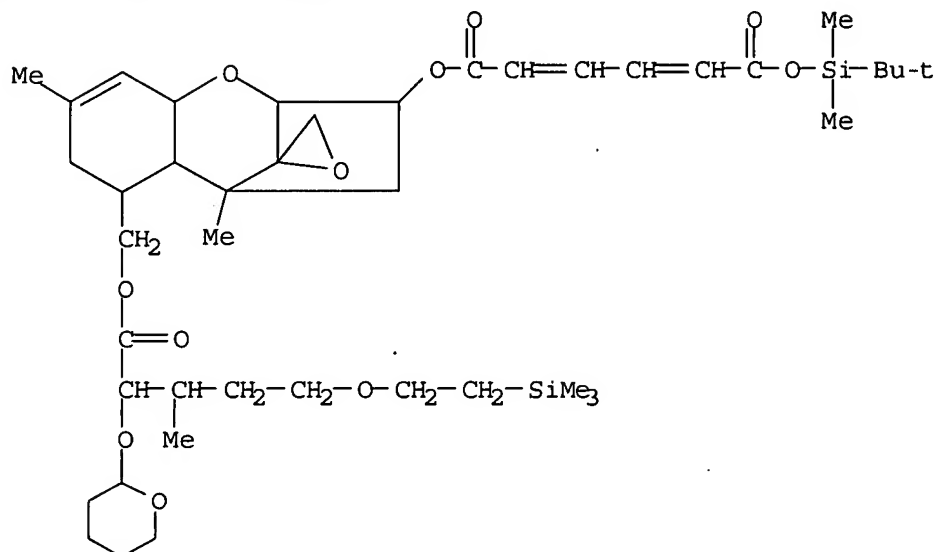
RX(55) OF 201 - 3 STEPS



- 1.1. 4-DMAP, CH<sub>2</sub>Cl<sub>2</sub>
- 1.2. DCC
- 2.1. Pyridine, AcOH
- 2.2. N<sub>2</sub>H<sub>4</sub>
- 3.1. 4-DMAP, CH<sub>2</sub>Cl<sub>2</sub>
- 3.2. DCC

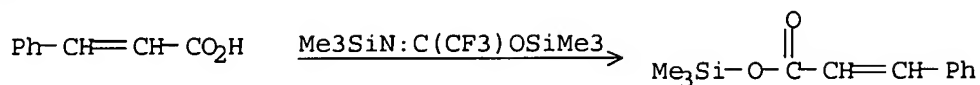
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RX(55) OF 201 - 3 STEPS



L3 ANSWER 6 OF 10 CASREACT COPYRIGHT 2007 ACS on STN

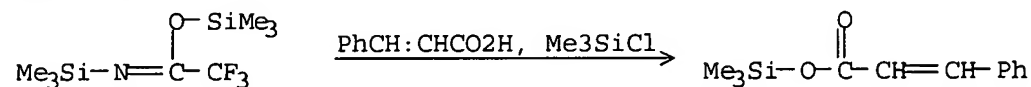
RX(1) OF 4



REF: Journal of Chromatography, 472(2), 393-400; 1989

L3 ANSWER 7 OF 10 CASREACT COPYRIGHT 2007 ACS on STN

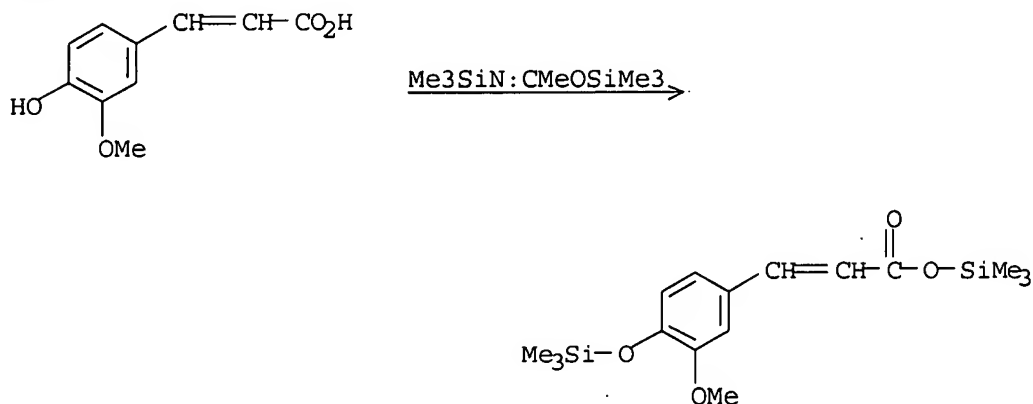
RX(2) OF 25



REF: Journal of Agricultural and Food Chemistry, 37(4), 970-4; 1989

L3 ANSWER 8 OF 10 CASREACT COPYRIGHT 2007 ACS on STN

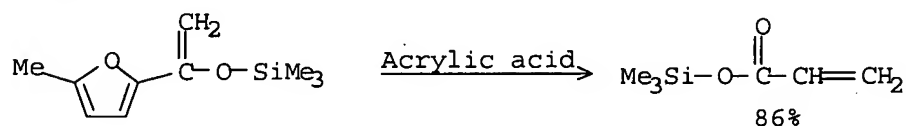
RX(3) OF 6



REF: Collection of Czechoslovak Chemical Communications, 52(8), 1985-91; 1987

L3 ANSWER 9 OF 10 CASREACT COPYRIGHT 2007 ACS on STN

RX(3) OF 13

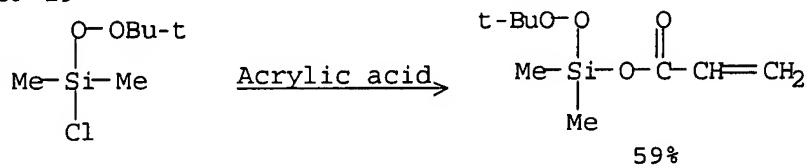


REF: Zhurnal Obshchei Khimii, 52(8), 1862-5; 1982

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L3 ANSWER 10 OF 10 CASREACT COPYRIGHT 2007 ACS on STN

RX(6) OF 19



REF: Zhurnal Obshchei Khimii, 48(5), 1128-33; 1978

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